

L0006CLAIMS

1. A composition to be used for the manufacture of transparent, gelfree films, comprising:

a) at least 65 wt% of a styrenic block copolymer, having a molecular structure according to the formula

$S-(I/B)-S$ (1) or $[S-(I/B)]_n X$ (2), wherein each S independently is a polymer block of predominantly styrene and (I/B) is a substantially random polymer block of predominantly isoprene and butadiene in a mutual weight ratio in the range of from 30/70 to 70/30, wherein said polymer block (I/B) has a glass transition temperature (Tg) of at most -60°C (determined according to ASTM E-1356-98), wherein n is an integer equal to or greater than 2, and wherein X is the residue of a coupling agent, wherein said styrenic block copolymer having a poly(styrene) content in the range of from 28 to 31 % by weight, having poly(styrene) blocks S of a true molecular weight in the range of from 10,000 to 15,000, having an apparent molecular weight of the complete block copolymer in the range of from 110,000 to 160,000 and wherein the diblock S-(I/B) optionally occurs in a content of at most 20 mol%,

b) from 5 to 25 wt% of a second thermoplastic resin,

c) from 1 to 10 wt% of a plasticizing oil, the sum of the percentages of the components a, b and c being 100%, and all weight percentages being relative to the weight of the complete composition.

2. A composition according to claim 1, wherein the component (a) occurs in a weight proportion of from 70 to 90 wt%.

3. A composition according to claim 1, wherein polymer block (I/B) has average homopolymer block length PB, respectively PI of less than 100 monomer unite, preferably

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less than 50 monomer units and more preferably less than 20 monomer units.

4. A composition according to claim 3, wherein the mutual weight ratio between isoprene and butadiene is in the range of from 48/52 to 52/48.

5. A composition according to claim 1, wherein component (b) occurs in a weight proportion of from 8 to 12 wt%.

6. A composition according to claim 1, wherein component (b) is selected from poly(styrene), poly ethylene, polypropylene or copolymers of ethylene and propylene.

7. A composition according to claim 1, wherein the component (c) occurs in a weight proportion of from 4 to 6 wt%.

8. A composition according to claim 1, wherein the component (a) comprises poly(styrene) blocks S, having a true molecular weight in the range of from 10,500 to 15,000, and said block copolymer has an apparent molecular weight of from 115,000 to 155,000, and has a poly(styrene) content of from 29 to 30 %, and has a diblock S-(I/B) content of from 0 to 15 mole%.

9. Extruded mono- or multi-layer films prepared from the compositions according to claims 1-8.

10. Cast or blown mono- or multi-layer films for personal hygiene applications, prepared from the compositions according to claims 1-8.